



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

18/Apr/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/Apr/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.213	2304.206	1) Madhya Pradesh	53.533	908.872
2) Hydro	20.619	417.495	2) Gujrat	32.873	590.355
3) Gas	15.148	266.140	3) Goa	-7.090	-120.098
Total MSGENCO	160.980	2987.841	4) TAPS 1&2 (Inj.)	7.538	110.871
B) OTHERS			5) Pench (Excess)	-0.131	-5.256
1) RGPPL Gas	34.530	623.742	# Total Cent. Sector	86.723	1484.744
2) Wind Generation	6.052	108.580	F) Other Exchanges		
3) CPP	23.636	431.338	1) With TPCL (Excess)	-14.747	-227.321
4) PENCH (MS)	0.131	5.256	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	15.022	261.241
1) TPCL Thermal	26.664	433.148	Include PX	0.000	2.294
2) TPCL Hydro	4.458	71.194	2) MUMBAI Bilateral	14.481	235.210
TOTAL TPCL	31.122	504.342	Include PX	2.133	24.660
3) REL Thermal	12.566	226.905	3) MUMBAI Schedule	14.481	237.585
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	164.443	2964.259	1) MSEDCL	297.305	5414.180
2) Hydro (A2+B3+C2)	25.208	493.945	2) TPCL	38.988	632.903
3) Gas (A3+B1)	49.678	889.882	3) REL	19.445	325.607
4) Wind (B2)	6.052	108.580	TOTAL STATE	355.738	6372.690
5) CPP (B3)	23.636	431.338			
TOTAL STATE	269.017	4888.004			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5123	5265	5366
MSGENCO Hydro	1551	1423	195
MSGENCO Gas	613	628	651
MSGENCO Total Generation	7287	7316	6212
Central Sector Receipt	4114	3495	2733
RGPPL	1475	1406	1427
WIND	83	431	280
CPP	976	1037	911
Exchange with Mumbai	-797	-667	-384
MSEDCL DEMAND MET	13138	13044	11179
Load Shedding (LS)	91	0	0
MSEDCL DEMAND (INCL. LS)	13229	13044	11179
TPCL GENERATION	1660	1558	809
REL GENERATION	523	522	524
TPCL+REL DEMAND	2980	2747	1717
STATE DEMAND MET	16118	15791	12896
Load Management (LM)	1980	3257	1386
Total Load Relief (LS+LM)	2071	3257	1386
UNRESTRICTED STATE DEMAND	18189	19048	14282
Frequency (Hz)	49.80	49.73	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.39 Hz at 18:00 Hrs	49.33 Hz at 19:14 Hrs	49.89	0 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 18/Apr/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.92	71.41	173	150	180
Unit 6	4.33	78.43	193	167	190
Unit 7	3.79	73.27	175	130	180
	12.03	223.11			550
Bhusawal					
Unit 2	3.76	70.80	175	145	150
Unit 3	4.19	69.28	185	165	175
Unit 4	0.00	0.00	0	0	
	7.96	140.08			325
Parli					
Unit 3	3.63	62.74	169	135	160
Unit 4	2.84	74.72	172	0	165
Unit 5	3.57	72.81	158	137	150
Unit 6	5.24	97.90	237	206	220
Unit 7	3.91	87.35	215	120	220
	19.20	395.52			915
Chandrapur					
Unit 1	3.86	65.00	169	155	165
Unit 2	3.85	50.97	178	129	160
Unit 3	4.61	76.20	198	184	200
Unit 4	0.00	60.64	0	0	0
Unit 5	9.84	186.76	455	325	440
Unit 6	9.97	186.38	445	360	425
Unit 7	10.35	125.94	455	390	480
	42.48	751.89			1870
Paras					
Unit 3	2.74	80.86	196	94	150
Unit 4	5.55	101.11	244	212	250
	8.29	181.97			400
Khaparkheda					
Unit 1	4.15	83.93	195	155	190
Unit 2	4.30	70.28	190	146	200
Unit 3	4.60	87.43	210	169	200
Unit 4	5.12	93.50	221	207	210
Unit 5	0.00	0.00	0	0	
	18.17	335.13			800
Nasik					
Unit 1	2.01	23.55	91	76	90
Unit 2	1.96	32.91	91	76	90
Unit 3	4.52	77.60	200	170	190
Unit 4	4.45	73.21	208	163	200
Unit 5	4.14	69.24	183	132	180
	17.09	276.51			750
Uran					
All Units	15.15	266.14	655	607	640
	15.15	266.14			640
Dabhol					
RGPPL	34.53	623.74	1476	1406	1500
	34.53	623.74			1500
Koyna					
Stage 1-2	5.20	94.82	570	30	600
Stage 4	7.70	176.91	1069	0	250
Stage 3	2.28	58.33	318	0	320
	15.19	330.06			1170
Kovna 12&4 Total	12.90	271.73			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.46	8.21	20	19	19
VTRNA	1.45	22.49	61	60	60
TILLARI	0.18	5.28	60	0	60
BHTGR/VEER	0.42	6.40	18	17	18
BHIRA T.R.	0.05	4.28	33	0	80
RNGR+BHTSA	0.31	6.12	13	12	13
BHANDARDRA	0.00	4.30	0	0	0
ELDARY	0.34	2.21	15	14	14
SMLHY PTN	0.70	17.38	38	26	10
GHATGHAR	1.52	10.78	120	0	0
	5.43	87.44			274
PENCH (MS)					
Pench (MS)	0.13	5.26	26	0	
	0.13	5.26			
Wind					
MalharPeth	0.15	3.76			
Vankuswadi	0.35	7.32			
ATIT	0.05	2.24			
Kale	0.12	2.71			
Satara	0.41	6.84			
Shirala	0.16	3.22			
K Mahankal	0.00	2.63			
Supa	0.08	1.63			
Vita	0.54	13.90			
Dondaicha	2.64	42.97			
Sakri	0.38	6.53			
Nandurbar	0.36	5.26			
Khandke	0.53	5.02			
Khaparale	0.28	4.54			
	6.05	108.58			
CPP					
JSW JAIGAD	12.23	240.61	532	470	500
WARDHA	5.44	100.28	231	220	230
Other CPPs	5.97	90.44			
	23.64	431.34			730
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.10	184.24	490	325	490
Trombay 6	5.95	81.00	410	150	500
Trombay 7A	2.86	52.05	121	117	120
Trombay 7B	1.55	28.41	65	64	60
Trombay 8	5.20	87.45	250	150	250
TATA Hydro	4.46	71.19	386	0	447
	31.12	504.34			1867
REL					
1&2	12.57	226.90	526	522	500
	12.57	226.90			500
Cent Sect					
Share					3405
					3405

MS PG CL	Thermal	125.21	2304.21		5610
	Thml+Gas	140.36	2570.35		6250
	Hydro	20.62	417.50		1444
	Total	160.98	2987.84		7694
State Total		269.02	4888.00		15696

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/Apr/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	5392	191	646	6229	1428	372	925	3060	3076	-526	-520	11510	1917	11510	2120	15547	50.05
2	5352	191	642	6185	1426	466	931	3033	2783	-507	-485	11306	1813	11306	1921	15040	49.97
3	5356	191	651	6198	1427	278	945	2951	2767	-428	-412	11203	1359	11203	1797	14359	49.91
4	5366	195	651	6212	1427	280	911	2909	2733	-377	-384	11179	1386	11179	1717	14282	49.99
5	5394	205	645	6244	1427	329	945	2865	2792	-328	-341	11396	1468	11396	1698	14562	49.87
6	5397	390	652	6439	1431	264	952	2863	2813	-328	-349	11550	1577	11550	1756	14883	49.83
7	5404	231	654	6289	1431	132	969	3095	3075	-328	-346	11550	1734	11550	1798	15082	49.99
8	5382	200	655	6237	1430	78	970	3095	3545	-328	-363	11897	1734	11897	1887	15518	49.99
9	5384	342	637	6363	1473	54	982	3262	3799	-500	-523	12148	1734	12148	2188	16070	50.00
10	5368	488	616	6472	1476	64	982	3495	4246	-650	-652	12588	1801	12588	2608	16997	49.90
11	5243	877	607	6727	1476	51	970	3667	4211	-759	-779	12656	2061	12726	2903	17620	49.83
12	5123	1551	613	7287	1475	83	976	3687	4114	-778	-797	13138	2071	13229	2980	18189	49.80
13	4933	1830	609	7372	1473	101	995	3686	4042	-778	-817	13166	2060	13248	2950	18176	49.81
14	4882	1720	612	7214	1471	158	1008	3670	4227	-759	-765	13313	2001	13336	2882	18196	49.95
15	4862	1736	608	7206	1467	214	960	3663	4306	-783	-809	13344	1864	13369	2946	18154	49.81
16	4856	2120	610	7586	1466	286	1005	3561	3838	-783	-823	13358	1798	13382	2964	18120	49.69
17	4967	1880	616	7463	1462	314	1011	3546	4055	-769	-789	13516	1789	13534	2941	18246	49.92
18	5067	1255	626	6948	1417	427	974	3537	3784	-759	-756	12794	2105	12802	2857	17756	50.06
19	5204	789	632	6625	1406	472	1007	3307	3537	-728	-687	12373	2956	12373	2734	18063	49.87
20	5265	1423	628	7316	1406	431	1037	3243	3495	-666	-667	13044	3257	13044	2747	19048	49.73
21	5262	1377	631	7270	1410	385	1054	3286	3612	-690	-685	13072	3269	13072	2667	19008	49.87
22	5264	645	634	6543	1408	342	1051	3364	4020	-690	-687	12703	3269	12703	2509	18481	49.89
23	5261	319	635	6215	1408	226	1037	3224	4112	-618	-652	12372	3269	12372	2474	18115	49.85
24	5229	473	638	6340	1409	245	1039	3117	3741	-618	-659	12129	2894	12129	2391	17414	49.83
MUs	125.2 1	20.62	15.15	160.98	34.53	6.05	23.64	79.19	86.72	-14.48	-14.75	297.30	51.19	297.65	58.44	406.93	49.89

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 18/Apr/2011

Position as on 6.30 Hrs of 19/Apr/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1B	230	15/03/2011	02.37		Continued.	Upgradation Work.	27/04/2011
Cent_Sect NTPC(K-3)	210	31/03/2011	23.46		Continued.	Annual Overhaul	30/04/2011
Cent_Sect sipat-5	500	01/04/2011	00.14		Continued.	Annual Overall.	25/04/2011
Cent_Sect NTPC(V-4)	210	10/04/2011	00.01		Continued.	Annual overhaul.	10/05/2011
FORCED OUTAGE							
Chandrapur Unit 4	210	15/04/2011	23.56		Continued.	Occurrence at 400KV Chandrapur	19/04/2011
CPP WPCL U-1	135	16/04/2011	21.00		Continued.	Suspected boiler tube leakage.	19/04/2011
Parli Unit 4	210	18/04/2011	11.50	18/04/2011	17.40	Boiler Tripped	
Cent_Sect NTPC(V) 9	500	18/04/2011	18.25	18/04/2011	20.35	Loss of Fuel	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Apr/2011

Position as on 6.30 Hrs of 19/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali -Tarapur	03/04/2011	09.10		Continued.	LILO work of 220KV Borivali-Boiser at 220KV Ghodbander.(up to 20.04.2011)
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench-Mansar	08/04/2011	10.35		Continued.	Replacement of relay & control pannel.up to 22.04.2011.
Pench - Kanhan	08/04/2011	10.39	18/04/2011	17.05	Replacement of relay & control pannel.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - II	16/04/2011	23.27		Continued.	Over Voltage.
Kolhapur - Mapusa - II	17/04/2011	21.53	18/04/2011	08:52	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Line Reactor of BSL-KORDY at BSL end	18/03/2011	12.51		Continued.	O/H Work up to 19.04.2011.
400/132KV 200 MVA ICT-II @ Bhusawal	06/04/2011	08.44		Continued.	Replacement of 132KV Side Bus-I & II Isolators of 200MVA 400/132KV ICT-II Under LES Scheme.LV side taken on TBC.
400/220 KV 100 MVA Spare Unit @ Koradi	14/04/2011	09.18		Continued.	Shifting to Replace R Ph Unit of ICT-I.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/7 KV 20 MVA Stn.T/F-II at Korady	31/03/2011	10.47		Continued.	Oil Leakage.
Borivali-Boisar	03/04/2011	09.48		Continued.	LILO work of 220KV Borivali-Boiser at 220KV Ghodbandar(Up to 20/4/11)
Kalwa - Tifil	15/04/2011	09.42		Continued.	Stringing of 4th ckt. between Mahape S/S and TIFIL LILO Tower.,up to 22.04.2011.
220/132 KV 100 MVA ICT-II @ Parbhani	16/04/2011	11.38		Continued.	Augmentation by 200MVA ICT.
Newkoyna -Lote-Parsuram	18/04/2011	08.09		Continued.	Total Overhauling of CB and Testing work
Bus Section - II at Khareptan	18/04/2011	08.30	18/04/2011	16.25	220KV PT replacement
ONGC-JNPT	18/04/2011	12.02	18/04/2011	16.56	Line and Bay maint.work
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
New Koyna-Karad-II	19/04/2011	05.15		Continued.	To attend Red Hot Spot
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Karad-Kolhapur - II	18/04/2011	08.51	18/04/2011	15.18	B Phase damaged conductor replacement
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	17/04/2011	20.27	18/04/2011	06:35	Over Voltage
Bhusawal- Aurangabad	18/04/2011	22.42		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
BBLSR-Waluj	09/04/2011	10.14		Continued.	To control A'bad ICT Loading.
Dhule-Chalisgaon	09/04/2011	15.54		Continued.	H/T to control Dhule ICTs over loading.
Bus Coupler @ WPCL	13/04/2011	15.37		Continued.	At Warora-WPCL - I Y Ph P T Humming Sound.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Apr/2011

Position as on 6.30 Hrs of 19/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bus Coupler at WPCL	13/04/2011	15.37		Continued.	At Warora end WPCL CKT-I Y phase PT Noise
Chandrapur-Warora - I	17/04/2011	15.00		Continued.	To control Warora-Hinganghat line loading.
Hingoli-Pusad	18/04/2011	13.07		Continued.	To control Wardha-Yavatmal load
Wardha-Abhijeet II	18/04/2011	13.09		Continued.	To control Koradi ICT load
Wardha-Abhijeet I	18/04/2011	17.05		Continued.	To control Koradi ICT Load
Khaperkheda - Wardha.	18/04/2011	18.54		Continued.	To control Koradi ICT Load
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salsette - II	05/04/2011	10.56		Continued.	From Kalwa End
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Kolhapur - II	18/04/2011	00.56	18/04/2011	11:22	Distance Protection
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip,Diff.Prot.operated,PRV tripped(Failed).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
Talangade - Mumewadi	17/04/2011	17.49	18/04/2011	00.49	Distance protection.Declared faulty.
Parbhani-Parli	17/04/2011	23.53	18/04/2011	12.41	Distance Protection, Declared Faulty
Badnera - Akola - I	18/04/2011	08.21	18/04/2011	08.58	Distance Protection
Pophali-K'gaon	18/04/2011	10.25	18/04/2011	11.10	Distance Protection
Pophali-K'gaon	18/04/2011	11.40	18/04/2011	16.30	Distance Protection
Karad-Kolhapur - II	19/04/2011	05.48	19/04/2011	06.10	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
Kandhar-Mukhed	18/04/2011	04.51	18/04/2011	05.14	Tripped.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/Apr/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	162
Unit 6	210	171
Unit 7	210	162
	620	495
Bhusawal		
Unit 2	210	180
Unit 3	210	185
Unit 4	0	
	420	365
Parli		
Unit 3	210	170
Unit 4	210	160
Unit 5	210	150
Unit 6	250	240
Unit 7	250	150
	1130	870
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	200
Unit 4	210	0
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	1875
Paras		
Unit 3	250	100
Unit 4	250	250
	500	350
Khaparkheda		
Unit 1	210	200
Unit 2	210	190
Unit 3	210	180
Unit 4	210	210
Unit 5	0	
	840	780
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	190
Unit 5	210	190
	870	750
Uran		
All Units	852	640
	852	640
Dabhol		
RGPP	1940	1380
	1940	1380
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	19

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	15
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	14
SMLHY PTN	12	13
GHATGHAR	250	0
	611	274
PENCH (MS)		
Pench (MS)	53	
	53	
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	505
WARDHA	405	230
Other CPPs	0	
	1005	735
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3446
	3455	3446